Attorney Docket No. AVERP3187WOUS						
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE						
In re patent	In re patent application of					
Applicant: Serial No.: Filed: For:	Serial No.: Unknown Filed: Herewith					
Art Unit: Examiner:	Unkno Unkno					
		INFORMATION DISCLOSURE STATEMENT				
Mail Stop Ar Commission P.O. Box 14 Alexandria,	ner for Pate 50					
Sir:						
1. Pursuant to 37 C. F.R. 1.67 and 1.88, and in compliance with 37 C. F.R. 1.55, this Officir's siteration is directed to the patents, pending applications, patients and other information fished on the settlender IPTO-1444, accept of experiments of the patents						
	erial No.: ling Date:					
Research any socurent, publication or other information for which a data is not clean on the attached PTO-1449, spelland in brillene(s) the same many caulify as not or at to this application and should be related according subsequent Applicant(s) reserve(s) the right to contest the prior art status of any document, publication of information, should (sake affect).						
 Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s): 						
(a)	A copy of each English languaga version of a search report (or EPO Search Report) indicating the degree of relevance found by the foreign office of each document being submitted from the search report, is being submitted herewith or has previously been submitted.				
(b)	Attached is a "Concise Explanation of Relevance of Non-English Language Documents".				
3. Pt	ursuant to 3	37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):				
(a)_X_	Within 3 months of the filing date, date of entry into the National Stage, or filing date of RCE.				
(b)	Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0888 for consideration of this				

Before the mailing date of a first Office Action on the merits after a first or second submission after final rejection under 37 C.F.R. 1.129(a).

(c) ____

		(2)	Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or
		(3)	Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988
	(e) _	-	After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.
		(1)	Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p), or
		(2)	Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988.
	Certif	ication (i	applicable)
	(a) _	-	The undersigned hereby certifies that each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
	(b) _	-	The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, but but undersigneds knowledge after making reasonable injurily, no item of information contained in this statement was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filling of this Statement.
sit A		Commiss nt No. 18	ioner is hereby authorized to charge any additional fees or credit any overpayment to 0988.
			Respectfully submitted,
			RENNER, OTTO, BOISSELLE & SKLAR, LLP
			By //Armand P. Boisselle/ Armand P. Boisselle Rep. No. 22.341

After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final

(d) ____

1621 Euclid Avenue, 19th Floor Cleveland, Ohio 44115 (216) 621-1113 z:sec:#1uPBuvERID93187WCUS IDS wod

4.

action or a notice of allowance.

(1) ___ The required certification is given below, or

Form PTO-1449 (Modified)	Atty Docket No.	Serial No.	
LIST OF PATENTS AND PUBLICATIONS	AVERP3187WOUS	Unknown	
FOR APPLICANT'S	Applicant:		
INFORMATION DISCLOSURE STATEMENT	Michael E. Hanningto	n	
(Use several sheets if necessary)	Filing Date:	Group:	
(Con acresa a noca a nocassay)	Herewith	Unknown	

211	PATENT	DOCL	IMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Name	Class	Sub- class	Filing Date if Appropriate
	5,591,290	1/7/97	Walter et al.	156	152	
	5,650,215	7/22/97	Mazurek et al.	428	156	
	5,897,930	4/27/99	Calhoun et al.	428	41.8	
	6,197,397	3/6/01	Sher et al.	428	42.3	
	6,630,049	10/7/03	Hannington et al.	156	289	
	7,060,351	6/13/06	Hannington	428	343	
	09/742,653					12/21/00

FOREIGN PATENT DOCUMENTS

Examiner	Document Number	Date (MM/1111)	Country	Class	Sub- class	Trensletion	
Initial						Yes	No
	90/07560	7/12/90	wo				
	01/81080	11/1/01	wo				
	2005/075592	8/18/05	wo				
	FP 1 310 538	5/14/03	EP				

OTHER ART

Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
	PCT/US2005/029544; PCT International Search Report mailed March 28, 2006.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not distrion is in conformance with MPEP 609, Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Information Disclasure Statement PTO-1449 (Modified)
The identification of any reference as the desired in the anticested in length, a desiration of any reference as the desired by the anticested on the sery, a desiration of the intervent on the desired by the anticested on the sery, a desiration of the intervent of the desired by the anticested of the sery, a desiration of the anticested of the service of t